

# PROJECT STATUS REPORT

## INSTRUCTIONS

- ITEM 8 Entries will be taken from codes listed on the reverse side of this form, page 3.  
 ITEM 20 Enter concise project progress information sufficiently complete so that reference to other reports will not be necessary. Changes in program scheduling should be fully explained. If additional space is required, a separate 8 x 10 1/2 sheet will be used. Identify particular report and mark proper security classifications.

1. PROGRAM STRUCTURE  921A	2. PROJECT NR OR SYSTEM TEST OBJ NR  20F	3. TASK, ESP OR TEST NUMBER  62B01
4. AFMTC PROJECT DIRECTIVE NR  62-17	5. AFSC PRIORITY  20F	6. REPORTING PERIOD  December 1963

7. TITLE AND OBJECTIVE

EXPERIMENTAL PERSONNEL PARACHUTE (MULTI-STAGE)

To determine the opening reliability of a multi-stage parachute assembly to be used by parachutist from high altitudes.

8. SCHEDULE	CURRENT FY 64												FY 65												FY 66 QTRS				FY 67 QTRS							
	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	1st	2d	3d	4th	1st	2d	3d	4th				
CURRENT SCHEDULE							U	N	K	N	O	W	N																							
NEW SCHEDULE																																				
CHG CODE																																				
9. FIRST FLIGHT/TEST	10. LATEST FLIGHT/TEST												11. FINAL FLIGHT/TEST												12. TOTAL FLIGHT HRS REQ				13. ACFT SERIAL NR							
14. % PLANNING COMPLETED	15. % INSTRUMENTATION COMPLETED												16. % TESTING COMPLETED												17. % DATA REDUCTION COMPLETED				18. % REPORT COMPLETED				19. % TOTAL COMPLETED			
10/90	5/90												70/90												10/90				5/0				100/85			

20. REMARKS

LIC 9121 WSC 3

Tests completed: 225 Tests documented: 227

Aircraft hours flown to date: Documented aircraft hours remaining:

Test	Photo	Test	Photo
C-130 - 56.1	T-28 - 23.4	C-130 - 13.0	
B-66 - 36.0	T-33 - 61.0		
	B-57 - 6.0		
	F-104 - 1.5		
	F-100 - 18.0		
	H-21 - 19.0		
	T-38 - 4.0		

No tests. This project is being held in abeyance by the AFSC Project Officer.

On file USAF release instructions apply.

21. DATE  31 December 1963	22. OFFICE SYMBOL AND TELEPHONE EXT  FTLGM/266	23. SIGNATURE OF PROJECT OFFICER  Charles O. Laine CWO Charles O. Laine
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## PROJECT STATUS REPORT

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ITEM 8 Entries will be taken from codes listed on the reverse side of this form; page 3.

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1. PROGRAM STRUCTURE  921A		2. PROJECT NR OR SYSTEM TEST OBJ NR  75A		3. TASK, ESP OR TEST NUMBER  62B02	
4. AFMTC PROJECT DIRECTIVE NR  62-26		5. AFSC PRIORITY  75A		6. REPORTING PERIOD  December 1963	
7. TITLE AND OBJECTIVE  EXTRACTION FORCE TRANSFER DEVICE  To investigate the performance of an extraction force transfer device to determine whether any conditions of use could result in premature release which would affect safety of flight.					
8. SCHEDULE					
CURRENT FY 64					
FY 65					
FY 66 QTRS					
FY 67 QTRS					
J A S O N D J F M A M J J A S O N D J F M A M J 1st 2d 3d 4th 1st 2d 3d 4th					
CURRENT SCHEDULE					
NEW SCHEDULE					
CHG CODE J X 3 5 5 2 R R					
9. FIRST FLIGHT/TEST		10. LATEST FLIGHT/TEST		11. FINAL FLIGHT/TEST	
12. TOTAL FLIGHT HRS REQ		13. ACFT SERIAL NR			
14. % PLANNING COMPLETED 10/100		15. % INSTRUMENTATION COMPLETED 10/93		16. % TESTING COMPLETED 70/92	
17. % DATA REDUCTION COMPLETED 5/92		18. % REPORT COMPLETED 5/0		19. % TOTAL COMPLETED 100/87	

## 20. REMARKS

LIC 9124 WSC 3

Tests completed: 31

Tests documented: 36

Aircraft hours flown to date:

Documented aircraft hours remaining:

Test  
C-130 - 31Photo  
T-28 - 18  
T-33 - 11  
TF9J - 1Test  
C-130 - 5Photo  
T-28 - 6

No tests. This program is being extended by 10 tests leaving a total of 15 tests to be completed.


21. DATE  31 December 1963	22. OFFICE SYMBOL AND TELEPHONE EXT  FTLGC/262	23. SIGNATURE OF PROJECT OFFICER  H. J. Hunter
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## INSTRUCTIONS

ITEM 8 Entries will be taken from codes listed on ~~maximum of two~~ page 3.

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1. PROGRAM STRUCTURE		2. PROJECT NR OR SYSTEM TEST OBJ NR		3. TASK, ESP OR TEST NUMBER																					
921A				63B14																					
4. AFMTC PROJECT DIRECTIVE NR		5. AFSC PRIORITY		6. REPORTING PERIOD																					
63-83		01		December 1963																					
7. TITLE AND OBJECTIVE																									
D. E. S. TESTS (Purpose is classified)																									
8. SCHEDULE																									
CURRENT FY <u>64</u> FY <u>65</u> FY <u>66</u> QTRS FY <u>67</u> QTRS																									
J A S O N D J F M A M J J A S O N D J F M A M J 1st 2d 3d 4th 1st 2d 3d 4th																									
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10/90		10/50		70/50																					
17. % DATA REDUCTION COMPLETED		18. % REPORT COMPLETED		19. % TOTAL COMPLETED																					
5/50		5/0		100/50																					
20. REMARKS																									
LIC 9341																									
Tests completed: 4 Tests documented: 7																									
Aircraft hours flown to date: Documented aircraft hours remaining:																									
<table border="0"> <tr> <td>Test</td> <td>Photo</td> <td>Test</td> <td>Photo</td> </tr> <tr> <td>F-106B - 6</td> <td>T-38 - 3</td> <td>F-106B - 3</td> <td>F-106B - 2</td> </tr> <tr> <td></td> <td>F-104 -20</td> <td></td> <td>F-106D - 6</td> </tr> <tr> <td></td> <td>F-106B- 2</td> <td></td> <td>T-38 - 7</td> </tr> <tr> <td></td> <td></td> <td></td> <td>T-33 - 4</td> </tr> </table>						Test	Photo	Test	Photo	F-106B - 6	T-38 - 3	F-106B - 3	F-106B - 2		F-104 -20		F-106D - 6		F-106B- 2		T-38 - 7				T-33 - 4
Test	Photo	Test	Photo																						
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			T-33 - 4																						
This project is classified.																									
21. DATE		22. OFFICE SYMBOL AND TELEPHONE EXT		23. SIGNATURE OF PROJECT OFFICER																					
31 December 1963		FTLGM/266		 CWO Charles O. Laine																					

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7. TITLE AND OBJECTIVE  SUPPORT ASD C-130/XM551 DROP TESTS  To determine the capability of C-130B and C-130E aircraft to air drop the XM551 (AR/AAV) vehicle and to evaluate the rigging components and rigging method proposed by the Army.																																																																																																																																																																																			
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## 20. REMARKS

LIC 9344 WSC 3

Prior to the airdrop of this vehicle, static pull tests were conducted in accordance with recommendations made by the Systems Engineering Group (SEMEP) to simulate the maximum load conditions which could be encountered during flight and extraction. The tests were conducted on a fully rigged XM/551 vehicle which was installed in a C-130 (463L) type restraint rail system that was mounted on a concrete base.

The purpose of these tests was to insure that the dacron webbing used to restrain the load to the modular platform would not elongate to the extent that load shift would impair flight safety from a clearance viewpoint.

The test conditions were as follows:

- a. Test I - Flight loads in flight
  - Forward - 0.5g, two cycles
  - Side - 1.0g, two cycles
  - Aft - 0.5g, two cycles
- b. Test II - Flight loads during extraction
  - Side - 0.5g, two cycles
  - Aft - 1.3g, two cycles. These loads were applied at an angle of 6° with the longitudinal axis of the load.

21. DATE  31 December 1963	22. OFFICE SYMBOL AND TELEPHONE EXT  FTLGC/262	23. SIGNATURE OF PROJECT OFFICER  R. P. Hastings Captain R. P. Hastings
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